Docket No. AUS920031078US1

ABSTRACT OF THE DISCLOSURE

DATA REDUNDANCY IN
INDIVIDUAL HARD DRIVES

A method and system are disclosed for recovering
lost data with redundancy in an individual hard drive. A
mirroring-type process is used in a single hard drive to
maintain a backup copy of all data stored on that hard
drive. The hard drive maintains two copies of the stored
data on different storage media segments or partitions
defined by separate read/write heads. In the event that
a hard drive media defect or error occurs with respect to
any of the data stored on a segment defined by one head,
that data can be restored from the segment defined by the
other head(s).